

Fish Pharmacokinetics Database Updated

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The searchable fish pharmacokinetics database, *Fish Drug Analysis—Phish-Pharm 2006* has been updated and is available at www.fda.gov/cvm/addaquainfo.htm.

Phish-Pharm was first released in 2005, accompanying an article in the *Journal*:

Reimschuessel R, Stewart L, Squibb E, Hirokawa K, Brady T, Brooks D, Shaikh B, Hodsdon C. Fish Drug Analysis—Phish-Pharm: A Searchable Database of Pharmacokinetics Data in Fish. *AAPS Journal*. 2005; 7(2):E288-E327. doi: 10.1208/aapsj070230.

The database can be freely downloaded in the form of a searchable Microsoft Office Access file, a stand-alone Access Application or an Excel spreadsheet. The information in the database was gathered from over 400 articles,

including data from 124 species (95 genera). Data fields include genus; species; water temperatures; the average animal weight; sample types analyzed; drug (or chemical) name; dosage; route of administration; metabolites identified; method of analysis; protein binding; clearance; volume of distribution in a central compartment (Vc) or volume of distribution at steady-state (Vd); and drug half-lives ($t_{1/2}$). Additional fields list the citation, authors, title, and Internet links. The database will be periodically updated, and users are invited to submit additional data.

Additional updates will be announced as they are available. This database may be a valuable resource to investigators of drug metabolism in aquatic species as well as government and private organizations involved in the drug approval process for aquatic species.